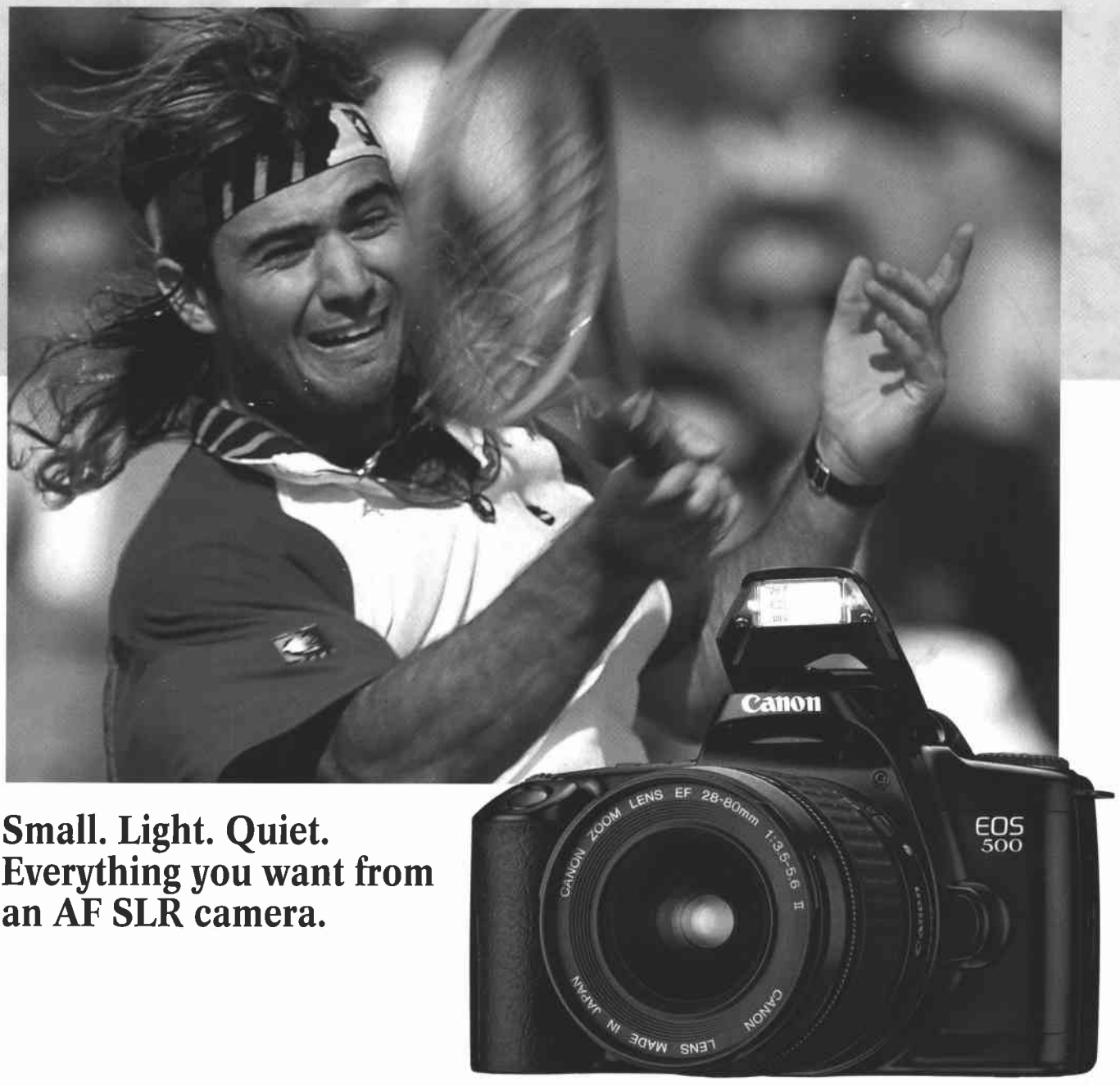
Canon

EOS 500



Small. Light. Quiet.
Everything you want from an AF SLR camera.

The world's best-selling SLR is now even better

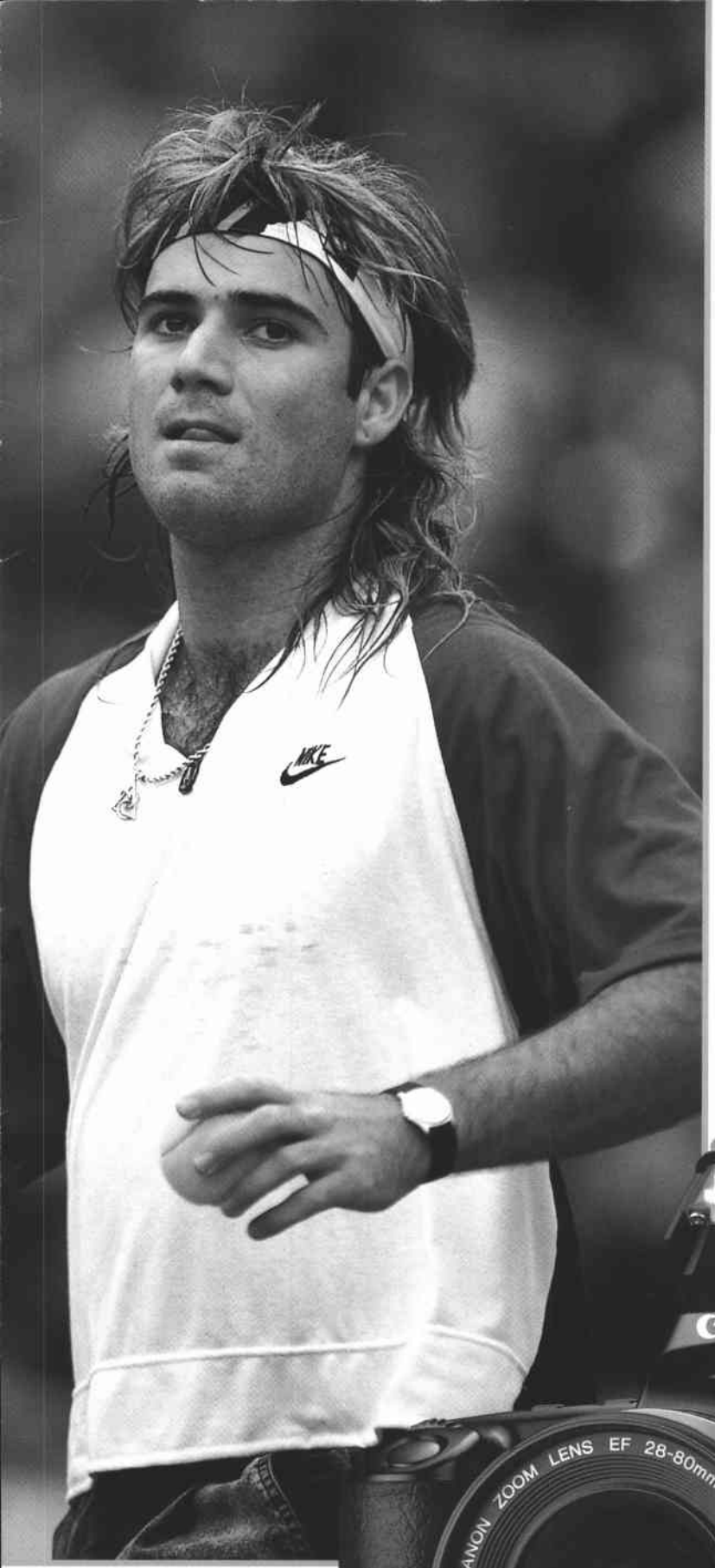
There were those who said I could never win Wimbledon. My game isn't suited to grass, they said. They said. If I let others decide what is possible, I'd never get anything accomplished.

Canon feels the same way. They took the world's best-selling SLR cameras and thought, how can we make them better?

What a great first serve! This EOS 500 feels so comfortable in my hands. I don't have time for instructions (I hate lessons), and this camera doesn't require them. What's more, it's fast, it's accurate. I'm just glad I don't have to face one on a tennis court.

I know tennis is just a game. But life's a game, too, so I feel qualified to handle whatever comes my way.

ANDRE AGASSI



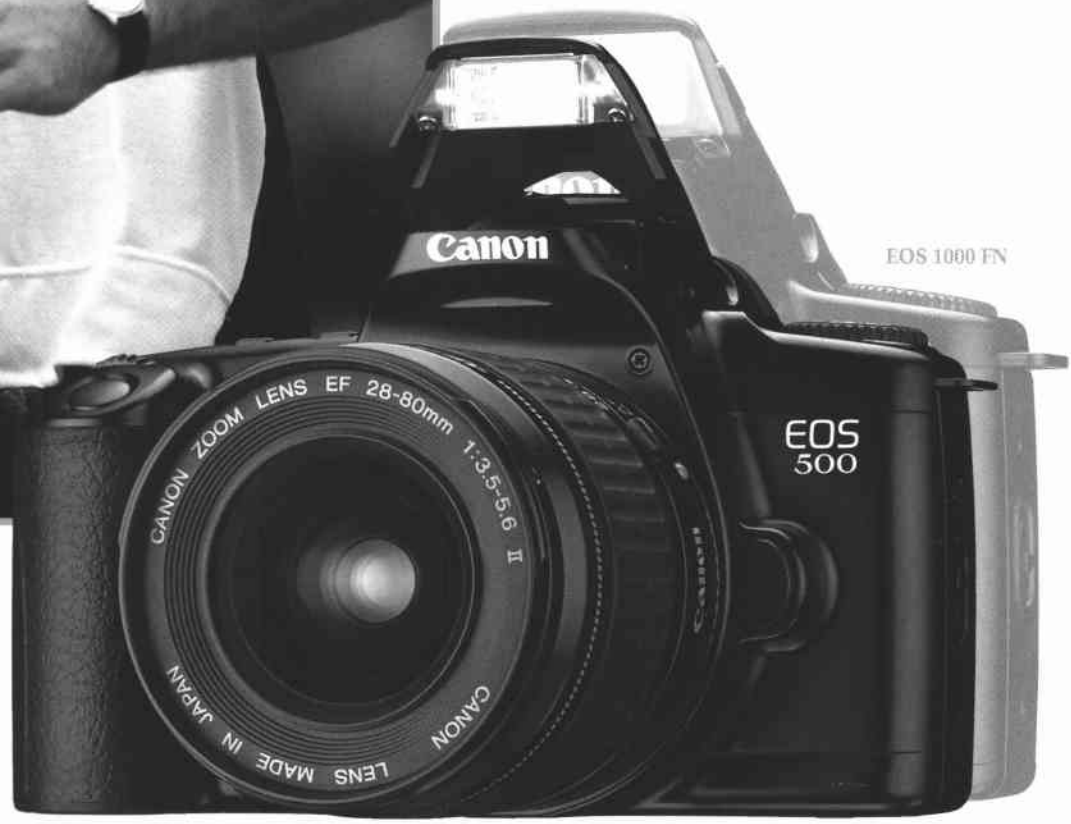
Everything you expect from EOS, and more

Six years ago, Canon introduced EOS. They are now the world's best-selling SLR cameras.

This year, we are introducing a totally new EOS. It offers everything you would expect from EOS, and more. More functionality. More accessories. More silence. In short, more satisfaction.

But one area where the new EOS 500 offers less is size. The camera is the world's smallest and lightest AF SLR with built-in flash.*

Will the EOS 500 now become the world's best-selling individual SLR? At Canon, we have always believed that anything is possible.



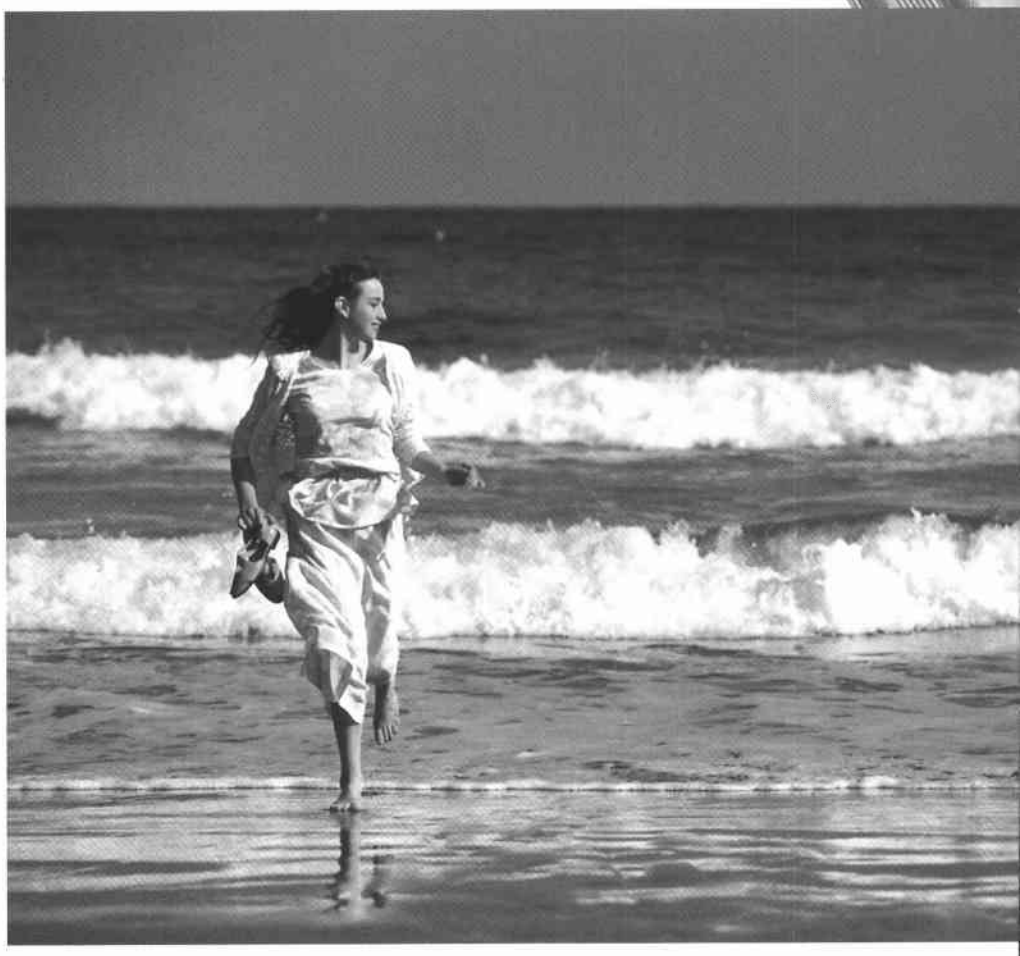
EOS 500
EF 28-80 mm f/3.5-5.6 II
ULTRASONIC

*as of September '93.

Creative control at your fingertips

The EOS 500 captures images the way you see them. The controls are simple to set, but offer a wide range of different effects. Here are just a few examples.

■ PIC modes make it easy to photograph different types of subjects. Here, the Sports mode has been used to capture a sharp image of a moving subject.



■ The EOS 500 features multi-point wide-area focusing. Three separate focusing sensors are used to keep off-centre subjects in sharp focus. (Centre priority focusing is also possible.)

■ Create your own imaginative images using the multiple exposure function. Up to nine different exposures can be made on one frame.

■ The Intelligent Program AE mode is ideal for general photography. The camera checks the focal length setting of the lens and chooses a shutter speed which will help to reduce the effects of camera shake.

■ At night, you can combine a flash exposure with a slow shutter speed to record the detail in both a nearby subject and an illuminated background.

■ Partial metering ensures that subjects photographed against bright backgrounds are correctly exposed.

Exposure is easy - just dial your choice

Lens aperture control

If you want to control the lens aperture, select the Aperture-priority AE mode (Av). Then you can choose the best aperture for the exposure, leaving the camera to set the correct shutter speed. Wide apertures produce out-of-focus backgrounds for portraits. Small apertures give all over sharpness for landscapes.

Shutter speed control

Select the Shutter-priority AE mode (Tv) when you want to control the shutter speed setting. The camera will choose the aperture for correct exposure. Use a fast shutter speed to 'freeze' fast-moving subjects. Choose a slow shutter speed for low-light photography, and for creative effects.

Zone of focus

When there are subjects at different distances from the camera, select the Depth-of-field mode (A-DEP). The multi-point focusing sensors will measure the subject distances. The camera will then set a lens focusing distance and lens aperture to keep everything in the selected area sharp.

Creative control

Sometimes the correct exposure is not the best exposure. You may want to lighten or darken the image for creative effect. The Manual mode (M) gives you full control of both shutter speed and lens aperture settings. The camera metering still operates so that you can see the amount of over or under exposure being given.

The EOS 500 features the Canon Program Image Control (PIC) system. This offers special program settings for popular subjects, such as portraits.

Sports fans will appreciate the Sports mode. It selects a fast shutter speed, keeps the lens focused on moving subjects, and allows continuous exposures.

In the Close-up mode, the lens is set to a small aperture for successful shots. The built-in flash will automatically fire when needed.

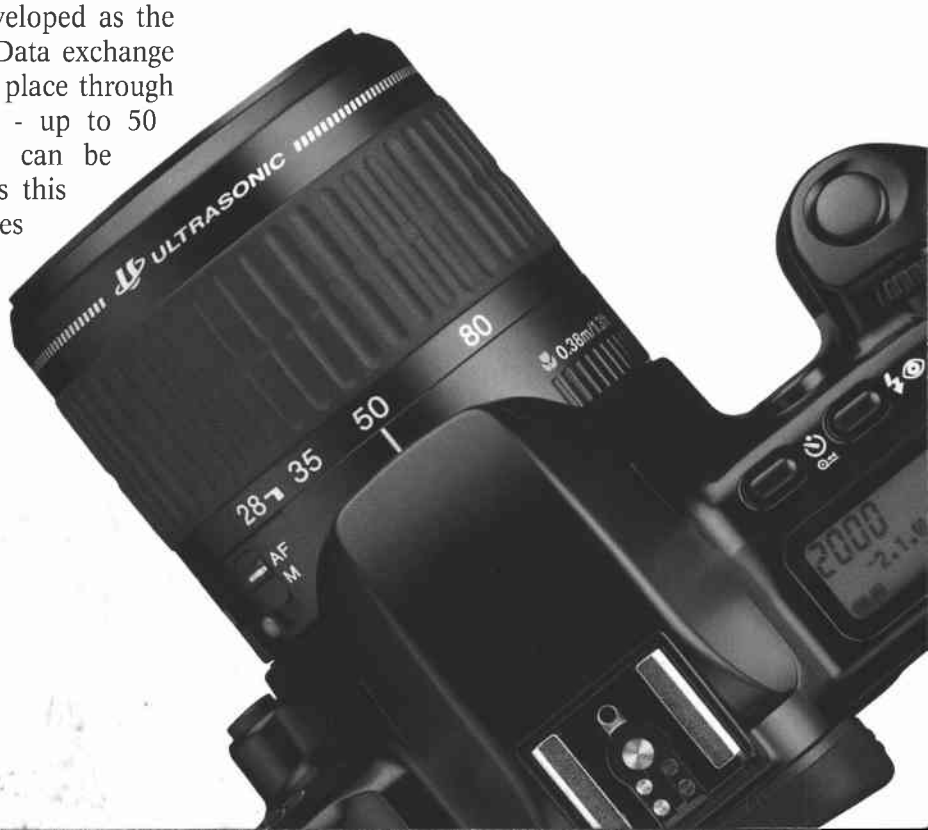
Outdoor scenes are best photographed with a small lens aperture selected by the Landscape mode. This brings everything into focus.

Flash at your fingertips - ready for any occasion

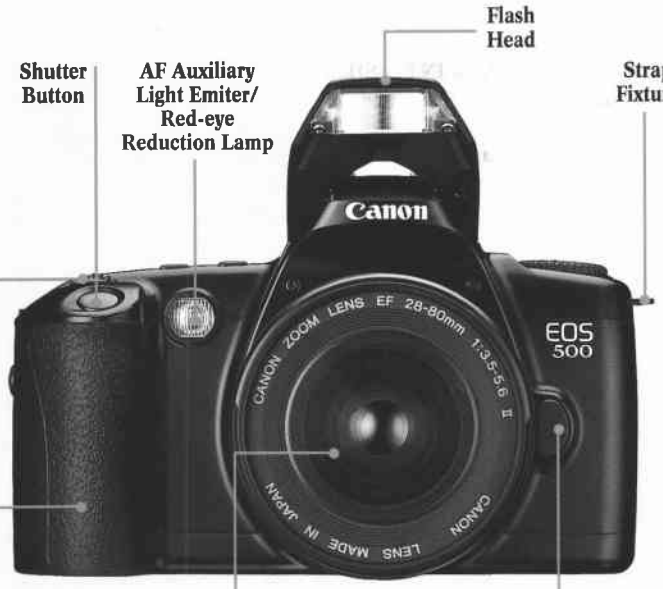
Hidden inside the top of the EOS 500 is a powerful built-in flashgun (guide number 12, ISO 100/ metres). In the Green (Full Auto), Portrait and Close-up PIC modes, the flash automatically pops up and fires in low-light and backlit conditions. In other modes (except Landscape and Sports), the flash can be used for any exposure. The recycling time between exposures is a rapid 2 seconds - the shutter will not fire if the popped-up flash is not ready. To avoid 'red-eye' effects with pictures of people and animals, the subject can be illuminated by a bright built-in lamp for a second or so before the flash fires. The illumination angle of the flash is sufficient for lenses down to 28 mm. Other Canon flashguns can also be used with the camera.

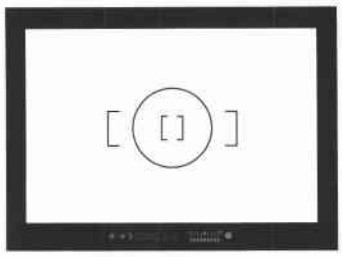
Select a lens from Canon's superb EF system

There is no shortage of choice when it comes to lenses for the EOS 500. Any lens from the ever-expanding EF range can be used. The newest lens is the EF 28-80 mm f/3.5-5.6 II U. It uses a built-in micro ultrasonic motor for almost instant focusing response and near-silent operation. This lens has been developed as the 'best-match' for the EOS 500. Data exchange between lens and camera takes place through Canon's fully-electronic mount - up to 50 different items of information can be handled at the same time. It is this advanced technology which lies behind the success of the EOS system.



The complete picture





You always know where you are with the EOS 500. The viewfinder display shows shutter speed and aperture settings, exposure compensation, flash charge indication, red-eye reduction signal, AF in-focus and AE lock indicators, and much more.

On top of the camera you will find the LCD panel. This repeats the viewfinder information, and also shows the film status and frame counter, battery level, self-timer and multiple exposure settings, beeper tone status, film speed setting, and other essential data.

Accessories

In addition to the general EOS system accessories, there are several new items which have been introduced specially for the EOS 500.

Remote Switch RS-60 E3
fires the shutter from 60 cm away.

GR-80TP Grip Extension
features a built-in mini tripod.

Eyepiece Extender EP-EX15
offers more comfortable viewing.

Specifications

TYPE AND MAJOR COMPONENTS
Type: 35 mm focal plane shutter SLR (Single-Lens Reflex) autofocus/auto exposure camera, with built-in motor drive.
Lens Mount: Canon EF mount (electronic signal transfer system).
Usable Lenses: Canon EF lenses.
Viewfinder: Fixed eye-level pentaprism. Gives 90% vertical and horizontal coverage of actual picture area and 0.70 X magnification with 50 mm lens at infinity.
Standard Diopter: Adjusted to -1.
Focusing Screen: Fixed, full-surface new lasermatte screen with AF frame and partial metering mark.
Shutter: Vertical-travel, focal plane shutter with all speeds electronically controlled.
Shutter Speed: 1/2000-30 sec and bulb. Set in 1/2-stop increments. X-sync is 1/90 sec.

AUTOFOCUS
AF Control System: TTL-SIR (Secondary Image Registration) phase detection type using 3-point cross-type BASIS (I+I). Two modes available: One-shot and AI Servo with Focus Prediction that automatically switches to One-shot or AI Servo according to subject. Manual focusing also possible.
AF Working Range: EV 1.5-18 at ISO 100.
AF Auxiliary Light: Built-in AF auxiliary light fires automatically when necessary.

EXPOSURE CONTROL
Light Metering: TTL full-aperture metering using a 6-zone SPC (Silicon Photocell). Two metering patterns available: 6-zone evaluative metering, central partial metering which covers approx. 9.5% of finder area.
Metering Range: EV 2-20 with 50 mm f/1.4 lens at ISO 100.
Shooting Modes:
1. Green Zone (Full Auto)
2. Programmed Image Control (Portrait, Landscape, Close-up, Sports)
3. Intelligent Program AE
4. Shutter-priority AE
5. Aperture-priority AE
6. Manual
7. Auto Depth-of-field AE
8. Flash AE (A-TTL program flash AE with external 430EZ, 300EZ)

Camera Shake Warning: Operates in Green Zone and Programmed Image Control modes. Shutter speed blinks.
Multiple Exposures: Up to nine exposures can be preset. Automatically clears upon completion.
Exposure Compensation: +/- 2 stops in 1/2-stop increments.

FILM TRANSPORT
Film Speed Setting: Automatically set according to DX code (ISO 25-5000) or set by user (ISO 6-6400).
Film Loading: Automatic prewind system. After film positioning and back cover closure, the film automatically winds to the end of the roll and stops.
Film Wind: Automatic. One of two modes is automatically set: Single Frame and Continuous(1 fps maximum).
Film Rewind: Automatically rewind at end of roll.

POWER SOURCE
Battery: 6 volts, using two CR123A lithium batteries.

OTHER
Self-timer: Electronically controlled with a 10-sec delay indicated by a beeper tone.

DIMENSIONS
Size: 5-11/16" (W) x 3-5/8" (H) x 2-7/16" (D)(145 x 92 x 61.9 mm).
Weight: 12.25 oz/350 g without battery, 13.37 oz/382 g with battery.

BUILT-IN FLASH
Type: Retractable, auto pop-up, TTL automatic exposure flash housed in the pentaprism. By-pass control system.
Guide Number (ISO 100): 39 ft/12 m.
Flash Coverage Angle: Covers the angle of view of a 28 mm lens.
Recycling Time: Approx. 2 sec.
Flash Duration: 1 ms or less.
X-sync Shutter Speed: Fastest sync speed 1/90 sec.
Flash Control System: TTL automatic control by metering light reflected from the film plane.
Shooting Distance Range: 3.29~15.77 ft/1~4.8 m (Based on ISO 100 Print film. The shooting distance range changes according to film speed.)
AF Auxiliary Light: Automatically emitted when the shutter button is pressed half-way if necessary. Effective distance range: 16.43 ft/5 m.
Red-eye Reduction Function: Applicable for all shooting modes.
Power Source: Same as that of the body.

DATE IMPRINT FOR EOS 500 QD
Built-in date/time function using dot LCD and automatic calendar with built-in quartz digital date/time clock.

DIMENSIONS
Size: 5-11/16" (W) x 3-5/8" (H) x 2-7/16" (D), 145 (W) x 92 (H) x 61.9 (D) mm.
Weight: 12.78 oz/365 g without battery, 13.90 oz/397 g with battery.

All data are based on Canon's Standard Test Method. Subject to change without notice.

Make a date

If you like to remember when your pictures were taken, you need the QD (Quartz Date) version of the EOS 500. This features a built-in digital calendar and clock programmed to the year 2019. Data is printed in the bottom right corner of the film frame in one of the following four data formats: Year/Month/Day, Day/Hour/Minute, Month/Day/Year, Day/Month/Year. The printer can be turned off when no imprint is required.

To Obtain The Best Results With Your Canon EOS Camera Use Original Canon EF Lenses.

As a Canon EOS owner, you will achieve better results in your photography using Canon's EF lenses. Every EOS camera body and EF lens has its own built-in microcomputer. These microcomputers store a range of special data and ensure the smooth operation of the complete camera, including the operation of such functions as the autofocus, exposure control, etc. In addition, electronic mounts linking every EOS body and EF lens support two-way digital communication for a more efficient exchange of information.

Since the EOS system's market launch in 1987, new functions have continually been added. These enhancements include speeding up the AF function, increasing the number of focusing points and incorporating the Eye-Controlled Focusing feature. As the range of functions has evolved, the system of communications between lens and body has also evolved to ensure that complete compatibility is maintained between them. This evolutionary process will continue in the future with the introduction of new specifications, resulting in further gains in reliability.

In brief, you'll make the most of the EOS system's many functions and obtain the optimum optical performance by using Canon EF lenses and accessories. Only these are designed and manufactured to match the special characteristics of your EOS camera.

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English Edition ZC1-2847ENG 0894 © Canon Europa N.V., 1994. Printed in the Netherlands